

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/648,848
Source: IFW0
Date Processed by STIC: 07/26/2005

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 07/26/2005

PATENT APPLICATION: US/10/648,848

TIME: 09:39:51

Input Set : N:\Crf3\RULE60\10648848.raw

Output Set: N:\CRF4\07262005\J648848.raw

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1 <110> APPLICANT: Chee, Mark
2   Walt, David R.
3 <120> TITLE OF INVENTION: Combinatorial Decoding of Random Nucleic Acid Arrays
4 <130> FILE REFERENCE: A-67498-1
5 <140> CURRENT APPLICATION NUMBER: US/10/648,848
6 <141> CURRENT FILING DATE: 2003-08-21
7 <150> PRIOR APPLICATION NUMBER: US/09/574,117
8 <151> PRIOR FILING DATE: 2000-05-19
9 <150> PRIOR APPLICATION NUMBER: US 60/135,052
10 <151> PRIOR FILING DATE: 1999-05-20
11 <160> NUMBER OF SEQ ID NOS: 39
12 <170> SOFTWARE: PatentIn version 3.1
14 <210> SEQ ID NO: 1
15 <211> LENGTH: 12
16 <212> TYPE: DNA
17 <213> ORGANISM: Artificial Sequence
18 <220> FEATURE:
19 <223> OTHER INFORMATION: probe sequence.
20 <400> SEQUENCE: 1
21   gcggtcccaa aa                                     12
23 <210> SEQ ID NO: 2
24 <211> LENGTH: 12
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: decoding probes.
29 <400> SEQUENCE: 2
30   gcggtcccga aa                                     12
32 <210> SEQ ID NO: 3
33 <211> LENGTH: 12
34 <212> TYPE: DNA
35 <213> ORGANISM: Artificial Sequence
36 <220> FEATURE:
37 <223> OTHER INFORMATION: decoding probes.
38 <400> SEQUENCE: 3
39   gcggtcccac aa                                     12
41 <210> SEQ ID NO: 4
42 <211> LENGTH: 12
43 <212> TYPE: DNA
44 <213> ORGANISM: Artificial Sequence
45 <220> FEATURE:
46 <223> OTHER INFORMATION: decoding probes.
47 <400> SEQUENCE: 4

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48      gcggtccccg aa                      12
50 <210> SEQ ID NO: 5
51 <211> LENGTH: 12
52 <212> TYPE: DNA
53 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: decoding probes.
56 <400> SEQUENCE: 5
57      gcggtcccca aa                      12
59 <210> SEQ ID NO: 6
60 <211> LENGTH: 12
61 <212> TYPE: DNA
62 <213> ORGANISM: Artificial Sequence
63 <220> FEATURE:
64 <223> OTHER INFORMATION: decoding probes.
65 <400> SEQUENCE: 6
66      gcggtcccta aa                      12
68 <210> SEQ ID NO: 7
69 <211> LENGTH: 12
70 <212> TYPE: DNA
71 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: decoding probes.
74 <400> SEQUENCE: 7
75      gcggtcccag aa                      12
77 <210> SEQ ID NO: 8
78 <211> LENGTH: 12
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: probes sequence.
83 <400> SEQUENCE: 8
84      gcggtcccat aa                      12
86 <210> SEQ ID NO: 9
87 <211> LENGTH: 12
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: probe sequence.
92 <400> SEQUENCE: 9
93      gcggtcccgc aa                      12
95 <210> SEQ ID NO: 10
96 <211> LENGTH: 12
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: probe sequence.
101 <400> SEQUENCE: 10
102      gcggtccctg aa                      12

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104 <210> SEQ ID NO: 11
105 <211> LENGTH: 12
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: probe sequence.
110 <400> SEQUENCE: 11
111      gcggtccccc aa                                12
113 <210> SEQ ID NO: 12
114 <211> LENGTH: 12
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: probe sequence.
119 <400> SEQUENCE: 12
120      gcggtcccct aa                                12
122 <210> SEQ ID NO: 13
123 <211> LENGTH: 12
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: probe sequence.
128 <400> SEQUENCE: 13
129      gcggtcccaa ga                                12
131 <210> SEQ ID NO: 14
132 <211> LENGTH: 12
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: probe sequence.
137 <400> SEQUENCE: 14
138      gcggtcccaa ag                                12
140 <210> SEQ ID NO: 15
141 <211> LENGTH: 12
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: synthetic.
146 <220> FEATURE:
147 <221> NAME/KEY: misc_feature
148 <222> LOCATION: (10)..(11)
149 <223> OTHER INFORMATION: the n at positions 10 and 11 can be A, T, G, or C.
150 <400> SEQUENCE: 15
W--> 151      cgccagggtg nt                                12
153 <210> SEQ ID NO: 16
154 <211> LENGTH: 12
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:

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158 <223> OTHER INFORMATION: synthetic.
159 <220> FEATURE:
160 <221> NAME/KEY: misc_feature
161 <222> LOCATION: (10)..(11)
162 <223> OTHER INFORMATION: the n at positions 10 and 11 can be A, T, G, or C.
163 <400> SEQUENCE: 16
W--> 164      cgccagggcn nt                                12
166 <210> SEQ ID NO: 17
167 <211> LENGTH: 12
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: synthetic.
172 <220> FEATURE:
173 <221> NAME/KEY: misc_feature
174 <222> LOCATION: (10)..(11)
175 <223> OTHER INFORMATION: the n at positions 10 and 11 can be A, T, G, or C.
176 <400> SEQUENCE: 17
W--> 177      cgccaggggn nt                                12
179 <210> SEQ ID NO: 18
180 <211> LENGTH: 12
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: synthetic.
185 <220> FEATURE:
186 <221> NAME/KEY: misc_feature
187 <222> LOCATION: (10)..(11)
188 <223> OTHER INFORMATION: the n at positions 10 and 11 can be A, T, G, or C.
189 <400> SEQUENCE: 18
W--> 190      cgccagggan nt                                12
192 <210> SEQ ID NO: 19
193 <211> LENGTH: 12
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: synthetic.
198 <220> FEATURE:
199 <221> NAME/KEY: misc_feature
200 <222> LOCATION: (9)..(9)
201 <223> OTHER INFORMATION: the n at positions 9 can be A, T, G, or C.
202 <220> FEATURE:
203 <221> NAME/KEY: misc_feature
204 <222> LOCATION: (11)..(11)
205 <223> OTHER INFORMATION: the n at positions 11 can be A, T, G, or C.
206 <400> SEQUENCE: 19
W--> 207      cgccagggnt nt                                12
209 <210> SEQ ID NO: 20
210 <211> LENGTH: 12

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211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:
214 <223> OTHER INFORMATION: synthetic.
215 <220> FEATURE:
216 <221> NAME/KEY: misc_feature
217 <222> LOCATION: (9)..(9)
218 <223> OTHER INFORMATION: the n at position 9 can be A, T, G, or C.
219 <220> FEATURE:
220 <221> NAME/KEY: misc_feature
221 <222> LOCATION: (11)..(11)
222 <223> OTHER INFORMATION: the n at position 11 can be A, T, G, or C.
223 <400> SEQUENCE: 20
W--> 224      cgccaggggnc nt                                12
226 <210> SEQ ID NO: 21
227 <211> LENGTH: 12
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: synthetic.
232 <220> FEATURE:
233 <221> NAME/KEY: misc_feature
234 <222> LOCATION: (9)..(9)
235 <223> OTHER INFORMATION: the n at position 9 can be A, T, G, or C.
236 <220> FEATURE:
237 <221> NAME/KEY: misc_feature
238 <222> LOCATION: (11)..(11)
239 <223> OTHER INFORMATION: the n at position 11 can be A, T, G, or C.
240 <400> SEQUENCE: 21
W--> 241      cgccagggng nt                                12
243 <210> SEQ ID NO: 22
244 <211> LENGTH: 12
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: synthetic.
249 <220> FEATURE:
250 <221> NAME/KEY: misc_feature
251 <222> LOCATION: (9)..(9)
252 <223> OTHER INFORMATION: the n at position 9 can be A, T, G, or C.
253 <220> FEATURE:
254 <221> NAME/KEY: misc_feature
255 <222> LOCATION: (11)..(11)
256 <223> OTHER INFORMATION: the n at position 11 can be A, T, G, or C.
257 <400> SEQUENCE: 22
W--> 258      cgccaggggna nt                                12
260 <210> SEQ ID NO: 23
261 <211> LENGTH: 12
262 <212> TYPE: DNA

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RAW SEQUENCE LISTING ERROR SUMMARY
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Input Set : N:\Crf3\RULE60\10648848.raw
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:15; N Pos. 10,11
Seq#:16; N Pos. 10,11
Seq#:17; N Pos. 10,11
Seq#:18; N Pos. 10,11
Seq#:19; N Pos. 9,11
Seq#:20; N Pos. 9,11
Seq#:21; N Pos. 9,11
Seq#:22; N Pos. 9,11
Seq#:34; N Pos. 9
Seq#:35; N Pos. 9
Seq#:36; N Pos. 9
Seq#:37; N Pos. 9
Seq#:39; N Pos. 9,10,11,12

VERIFICATION SUMMARY

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Input Set : N:\Crf3\RULE60\10648848.raw

Output Set: N:\CRF4\07262005\J648848.raw

L:151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:190 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:370 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:383 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:431 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0